

Study Plan

1. Core Courses:

Course Code	Course title
MATH5101	Ordinary Differential Equations
MATH5301	Introduction to Discrete Structures
MATH5391	Selected Topics in Mathematics
MATH5401	Group Theory and Modules
MATH5411	Introduction to Rings and Modules
MATH5501	Numerical Analysis
MATH5701	Geometry and Topology
MATH5801	Measure Theory
MATH5811	Functional Analysis

2. Elective Courses:

Course Code	Course title
MATH5121	Partial Differential Equations
MATH5141	Quantum Mechanics
MATH5311	Combinatorics
MATH5321	Ordered Sets

Course Code	Course title
MATH5421	Algebra Rings and Modules
MATH5431	Algebraic Number Theory
MATH5511	Numerical Linear Algebra
MATH5521	Numerical Solutions of Ordinary Differential Equations
MATH5711	Algebraic Topology
MATH5721	Differential Geometry
MATH5821	Complex Analysis
MATH5831	Advanced Functional Analysis